

Peak District National Park

Forecast valid from 06:00 on Saturday 05 Feb 2022 until 23:59 on Sunday 06 Feb 2022

Forecast Issued on Saturday 05 Feb 2022 at 03:57

Confidence: High for unsettled and often windy conditions through the coming days. Lower confidence for the timings or rain bands, especially early next week.

Headline for Saturday 05 Feb 2022: Persistent rain arriving, strong winds and feeling bitterly cold.

Mountain weather hazards on Saturday 05 Feb 2022

Blizzards

No Likelihood

Gales

High Likelihood

Thunderstorms

No Likelihood

Heavy persistent snow

No Likelihood

Severe chill effect

Medium Likelihood

Heavy persistent rain

Medium Likelihood

Storm force winds

No Likelihood

Poor visibility

Medium Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Partly cloudy (night)	Cloudy	Light rain	Heavy Rain	Heavy Rain	Heavy Rain
Precipitation probability					
20%	30%	60%	90%	90%	50%

Forecast for Saturday 05 Feb 2022

Weather: A dry start but rain will arrive late in the morning. Rain will turn persistent and occasionally heavy by early afternoon then lasting for the rest of the day with little respite.

Chance of cloud-free hill tops above 600m: 70% to start the day but becoming 20% by the afternoon.

Low cloud and visibility: Patchy cloud and fog above 500 or 600m in the morning but turning persistent and extensive during the afternoon. Fog giving difficult navigation conditions in the high tops and moors. Below the cloud, hazy, often down to a few km in rain.

Forecast for Saturday 05 Feb 2022

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	25/33 SW	32/41 SW	36/48 SW	37/49 SW	36/48 W	32/43 W	31/42 W
300	19/28 SW	23/32 SW	25/37 SW	28/41 SW	26/39 W	24/37 W	22/34 W
Valley	10/26 SW	13/30 SW	17/37 SW	18/39 SW	19/40 W	17/36 W	16/34 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-8	0/-8	2/-5	4/-4	4/-3	3/-4	3/-4
300	2/-4	3/-3	5/-1	6/0	6/1	6/0	5/-0
Valley	2/-2	3/-1	5/1	6/2	7/2	6/2	6/1
Freezing Level*	400m	700m	1000m	1200m	1200m	1100m	1000m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Conditions deteriorating by late morning with unpleasant conditions setting on high ground due to rain, strong winds and poor visibility.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 05 Feb 2022	6.4mm	8.8mm	13.4mm

Forecast for Sunday 06 Feb 2022

Weather: Rain and summit snow clearing overnight. Bright spells and occasional showers, these falling as snow above 400m giving a light covering to the tops. A brighter day than Saturday but still bitterly cold with westerly gales on the tops and a severe wind chill. Becoming drier with longer clear spells in the evening.

Maximum wind: West or Northwest 30 to 40mph gusting 55mph, easing to 25mph gusting 35mph during the evening.

Chance of cloud-free hill tops above 600m: 70%.

Low cloud and visibility: Good for long periods between showers. Cloud descending to 500 or 600m at times with short spells of very poor visibility in sleet or snow showers.

Temperature: **Valleys:** Plus 6 or 7 Celsius, falling to Plus 1 Celsius in the evening.
At 600m: Plus 4 Celsius in early hours, falling to Plus 1 Celsius by morning.
Freezing level: Above summits overnight, falling to 600 or 700m.